ENODONTICS (ENDO)

ENDO 522. Introduction: Specialty of Endodontics. 2 Hours.
Semester course; 96 laboratory hours. 2 credits. Restricted to first-year
students. Utilizes laboratory exercises to review basic concepts and
introduce the more complex technical procedures required to practice the
clinical specialty of endodontics.

ENDO 530. Advanced Oral Pathology. 1 Hour.
Semester course; 13 seminar hours. 1 credit. Provides through a series of
seminars, an in-depth knowledge of those specific areas of oral pathology
that apply to endodontics.

ENDO 532. Management of Medical Emergencies in the Dental Office. 1
Hour.
Semester course; 20 seminar hours. 1 credit. Provides through a series of
seminars, an in-depth level of knowledge in the management of medical
emergencies in the dental office.

ENDO 560. Endodontic Therapy Lectures. 3.5 Hours.
Semester course; 58 lecture hours. 3.5 credits. Restricted to first-year
students. Presents a series of lectures on clinical endodontic topics in
order to familiarize the students with clinical endodontic procedures
either in conjunction with or prior to the "Endodontic Topic Literature
Reviews" on those specific clinical topics.

ENDO 622. Principles of Endodontics. 1 Hour.
Semester course; 1 lecture hour. 1 credit. Covers the basic principles of
endodontics in preparation for clinical endodontics.

ENDO 623. Principles of Endodontics Lab. 1.5 Hour.
Semester course; 4 laboratory hours. 1.5 credits. This lab course teaches
the basic technical skills of endodontics in preparation for clinical
endodontics.

ENDO 650. Endodontic Topic Literature Review. 3.5 Hours.
Semester course; 58 seminar hours. 3.5 credits. May be repeated for
credit. Must be taken every semester of the program. Reviews topic
literature pertaining to the scientific basis for endodontic procedures
and the materials and techniques utilized in the clinical practice of
endodontics. Discusses content of the reviewed literature and critically
evaluates by means of abstracts and study questions.

ENDO 652. Endodontic Clinical Seminars. 1.5 Hour.
Semester course; 28 seminar hours. 1.5 credits. May be repeated for
credit. Must be taken every semester of the program. Requires students
to present a seminar once each month in which difficult diagnostic
cases, patient management problems and complex treatment cases are
critiqued and treatment options discussed.

ENDO 654. Endodontic Management of the Medically Compromised
Patient. 1 Hour.
Semester course; 14 seminar hours. 1 credit. Must be taken for two
consecutive semesters. Provides students, through a seminar series,
with an in-depth level of knowledge in the endodontic management of the
medically compromised patient.

ENDO 656. Endodontic Current Literature Review. 1 Hour.
Semester course; 18 seminar hours. 1 credit. Must be taken every
semester of the program. Provides a review of current journal literature
that pertains to the scientific basis for endodontic procedures,
materials and techniques currently being used in the clinical practice of
endodontics. Discusses and critically evaluates the content of the
reviewed literature. Requires written abstracts of all reviewed articles.

ENDO 680. Clinical Endodontics. 1-5 Hours.
Semester course; 153 clinical sessions. Variable for 1-5 credits. Must be
taking both fall and spring of the first and second years of the program
for 5 credits each semester. May be taken in additional semesters
as needed to complete clinical training; credit will vary based on
circumstances. Permits students to receive supervised training in every
type of clinical endodontic procedure. Provides students with experience
in the management and treatment of cases which are the same types of
complex non-surgical and surgical cases treated in a specialty practice of
endodontics.

ENDO 700. Senior Selective in Advanced Clinical Endodontics. 1 Hour.
Semester course; 4 clinical hours per week. 1 credit. Prerequisites:
successful completion of ENDO 622 (sections .01 and .02), ENDO 731,
ENDO 739 and permission of the course director. This clinical course is
designed to develop advanced skills in treating endodontic cases beyond
the scope of those expected in basic clinical competency of a dental
student.

ENDO 731. Endodontic Therapy. 1 Hour.
Semester course; 1 lecture contact hour. 1 credit. An application course
designed for the student to gain experience and demonstrate proficiency
in the application of clinical endodontic knowledge to the diagnosis and
management of complex clinical endodontic problems. Emphasis is
placed on differential diagnosis and management of clinical endodontic
problems. This course builds on the principles of diagnosis and treatment
disease of the pulp and periradicular tissues and injuries of the dental
pulp. This course continues to place emphasis on the prevention of
disease and maintenance of the normal pulpodentin complex.

ENDO 739. Clinical Endodontics III. 1.5 Hour.
Yearlong clinical course. 1.5 credits. Designed to develop clinical skills
and provide experience in the diagnosis, treatment planning, treatment,
prognosis, follow-up care and clinical patient management in cases
involving the pulp and periradicular tissues. Emphasis is placed on the
management of common clinical problems that may be encountered in
the general practice of dentistry. This course emphasizes and elaborates
on the rationale and treatment techniques presented in the D-2 didactic
and laboratory course.

ENDO 749. Clinical Endodontics IV. 1.5 Hour.
Yearlong course; 1 clinic session per week. 1.5 credits. This course
is designed to enhance the student’s clinical experience in the field
of endodontics, to include patient management, treatment planning,
endodontic treatment modalities, consultation with other health care
professionals and referral to appropriate dental specialists. Emphasis is
placed on the management of common clinical endodontic problems
that may be encountered in the general practice of dentistry. The course
will run the spring and fall semester of the dental student’s fourth year.
Guidance from faculty will encourage the student to synthesize and
integrate techniques taught in previous endodontic courses and labs into
a logical and systematic approach to the delivery of quality endodontic
care to the patients. Students receive CO grading in the fall and a pass or
fail grade and earn credit in the spring.